

CLAIMS

1. Newsprint for offset printing, characterized in that said newsprint for offset printing is obtained by a process in which base paper for newsprint is coated with a surface treating agent mainly comprised of the following component (A) and component (B), dried and subjected to a calender treatment:
- 5 component (A): at least one water-soluble macromolecular substance selected from the group consisting of starches, polyvinyl alcohols, polyacrylamides, and cellulose derivatives;
- 10 component (B): a water-soluble surface sizing agent that is a copolymer obtained by the copolymerization of the following component (a) and component (b); a copolymer obtained by the copolymerization of component (a), component (b) and component (c); or a copolymer obtained by the quaternization of one of these copolymers in which a vinyl monomer containing a tertiary amine group is used as component (b), by component (d);
- 15 component (a): styrene monomer -
- 20 at least one styrene monomer selected from styrene, α -methyl styrene, chlorostyrene and cyanostyrene,
- component (b): cationic monomer -
- a vinyl monomer containing any one of primary amino group, secondary amino group, tertiary amino group, and quaternary ammonium group,
- 25 component (c): other hydrophobic monomers -
- at least one hydrophobic monomer which is copolymerizable and selected from methacrylic acid esters and acrylic acid esters,
- 30 component (d): quaternizing agents -
- at least one quaternizing agent selected from epichlorohydrin, methyl chloride, ethyl chloride, benzyl chloride, dimethyl sulfate, diethyl sulfate, oxides, epoxy compounds, and organic halogen compounds.

2. The newsprint for offset printing according to claim 1, characterized in that the cationization degree of the water-soluble surface sizing agent is 1.3-3.0 meq/g.

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3. The newsprint for offset printing according to claim 1 or 2, characterized in that the average particle size of the water-soluble surface sizing agent is 40 nm or smaller.

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4. The newsprint for offset printing according to any one of claims 1 to 3, characterized in that aluminum sulfate (a 50% by weight $\text{Al}_2\text{O}_3 \cdot 14\text{H}_2\text{O}$ product) is added at a ratio of less than 3.0 % by weight relative to oven-dried pulp when manufacturing the base paper for newsprint.

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5. The newsprint for offset printing according to any one of claims 1 to 4, characterized in that the base paper for newsprint is made by a neutral papermaking process.

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